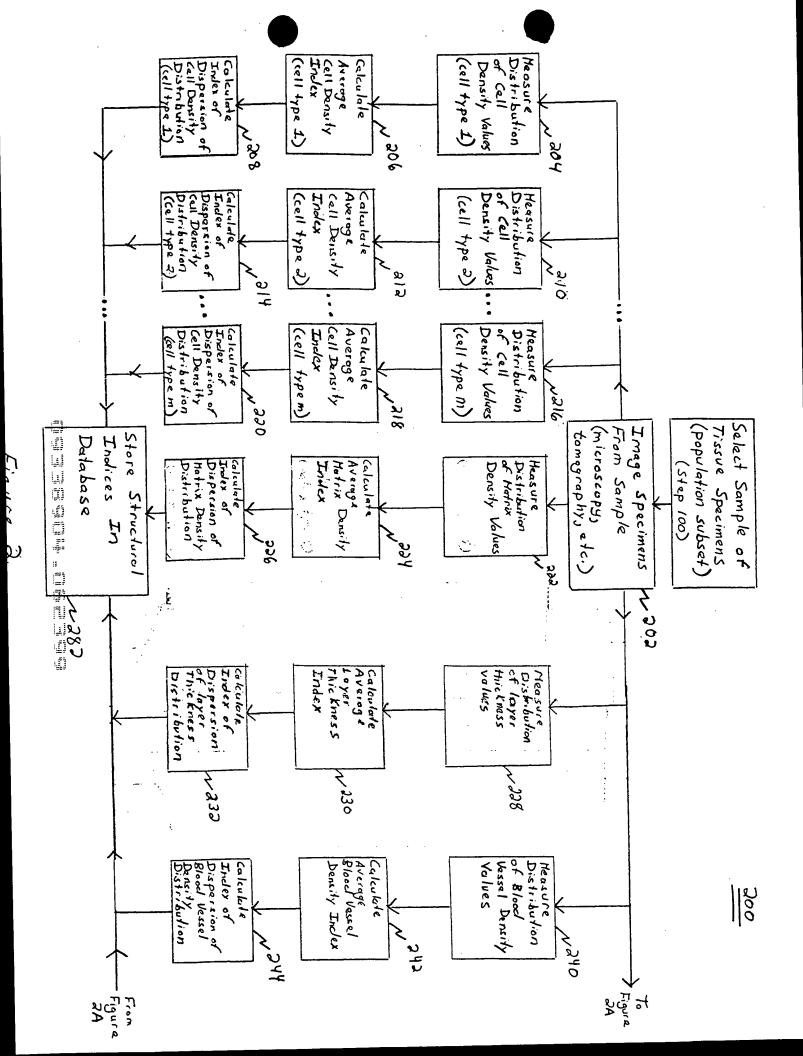
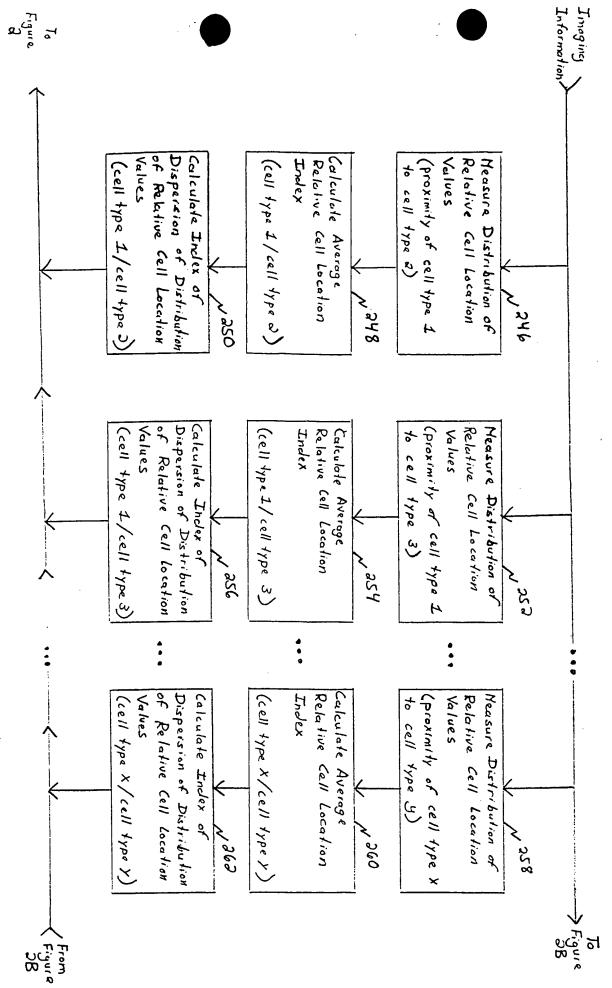


Figure 1





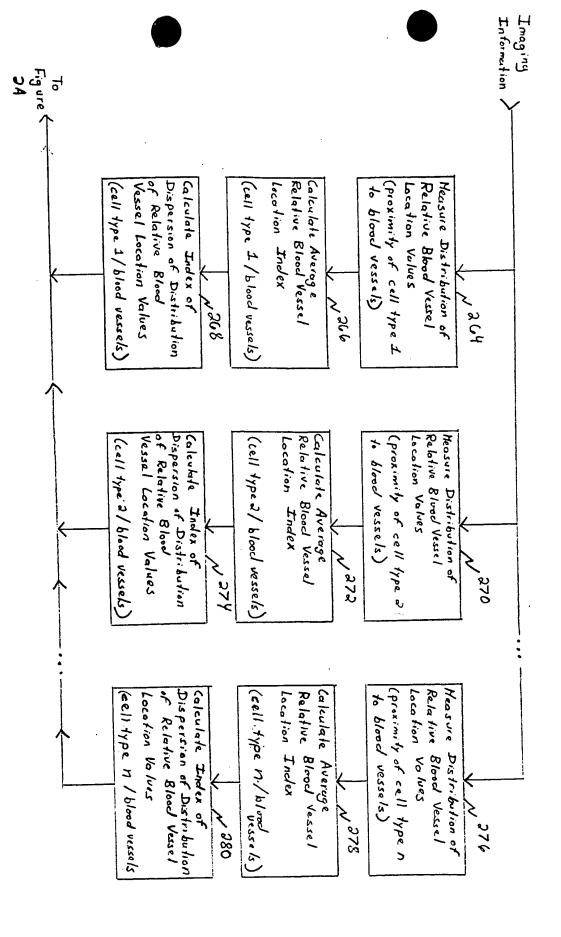
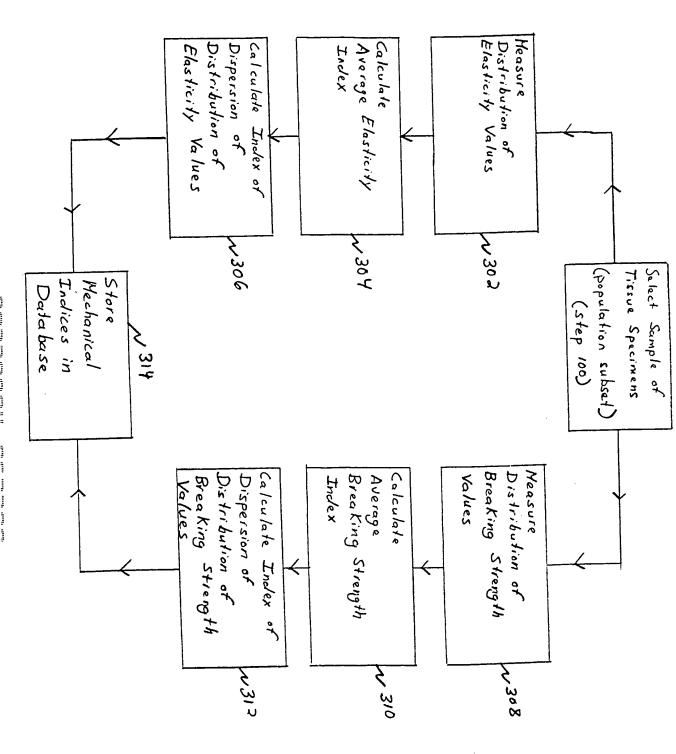
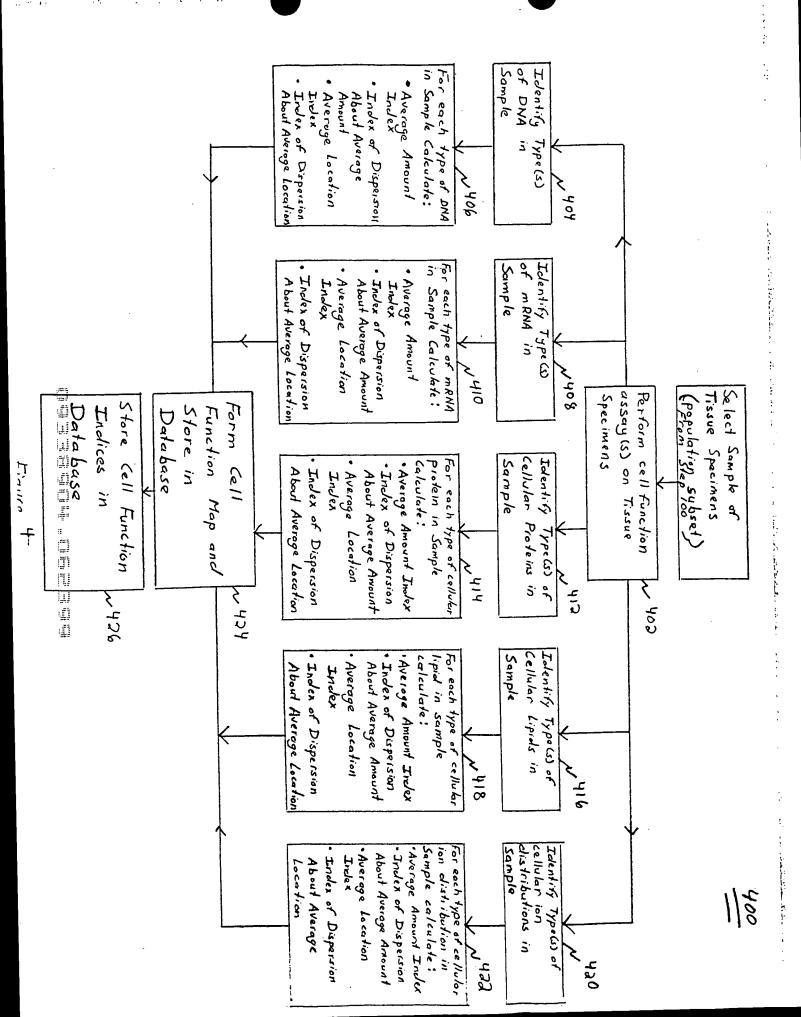


Figure ob



Tigure 3



T.	ssue Population Te Race of Gender of Age Bracket Geographic Location of Population Population
//.	Type Population Population of Population Population
7	Tissue Loyer No.
٠.	Average Layer Thickness
•	Index of Dispersion About Average Thickness
	Average Cell Density Index (cell type 1)
	Index of Dispersion About Average Cell Density (cell type 1)
	Average Cell Density Index (cell type 2)
	Index of Dispersion About Average Cell Density (cell type 2)
<u></u>	000
	Average Cell Density Index (cell type m)
-	Index of Dispersion About Average Cell Density (cell type m)
	Average Matrix Density Index
	Index of Dispersion About Average Matrix Density (matrix type 1)
	Average Relative Cell Location Index (cell type 1/cell type 2)
	Index of Dispersion About Average Rel Loc Index (cell type 1/cell type of
	Average Relative Cell Location Index (cell type 1/cell type 3)
	Index of Dispersion About Average Rel Loc. Index (cell type 1/cell type?
ل	
T	Average Relative Cell Location Index (cell type x / call type y)
t	Index of Dispersion About Average Rel. Loc. Index (cell type x/cell type x)
Ì	D. L. Jue Blood Vessel Loe, Index (cell type 1/blood vessels)
	Index of Dispersion About Average Rel Loc Index (cell type 1/blood vessels)
	1 - Polative Blood Vessel Loc. Index (cell type 2/ blood vessers)
	Index of Dispersion About Average Rel Loc Index (cell type 2/ blood vessel
,	
	Average Relative Blood Vessel Loc. Index (cell type n/blood vessels)
	Index of Dispersion About Average Rel. Loc. Index (ICRII typen / blood vessely

Tissue Population Toue Race of Gender Age Bracket Geographic Population Popul

Tissue Popu	lation	Tissue Layer No	
	Average Amount Inclea		
rim cippe ry	Index of Dispersion About Average Amount		
	Average Localien Inc	lex	
·	Index of Dispursion A	About Average Location	
DNA (Type 2)	Average Amount Inde	· X	
	Index of Dispersion	About Average Amount	
	Average Location Indi		
	Index of Dispersion		
`	000		
DNA (Type m)	Average Amount Incle	×	
,		About Average Amount	
	Average Location Inc		
		About Average Location	
mRNA (Type 1)	Average Amount Incle		
,,	Index of Dispussion 1	and and the second seco	
	Average Location In		
		About Average Location	
m RNA (Type 2)	Average Amount In		
		About Average Amount	
	Average Location I		
		· About Average Location	
<u></u>		0	
m RNA (Type m)	Average Amount In	der	
137		About Average Amount	
	Average Location I		
		on About Average Location	
	There of Dispersi	er, river riverage per	

	Continual From Figure 7	
Cellular	Average Amount Inclex	
Protein (Type 1)	Index of Dispersion About Average Amount	
CIPPE +1	Average Location Index	e e est de la company
	Index of Disporsion About Average Location	
Cellular	Average Amount Index	
Protein (Type 2)	Index of Dispersion About Average Amount	
	Average Location Index	
	Inclex of Dispersion About Average Location	
	000	
Cellular	Average Amount Index	
Protein (Type m)	Index of Dispersion About Average Amount	
	Average Location Index	
	Index of Dispersion About Average Location	
Cellular	Average Amount Inclex	
Lipid (Type 1)	Index of Dispossion About Average Amount	
	Average Location Index	
	Index of Dispersion About Average Location	
Cellular :	Average Amount Index	وبعد ديسون
(Type 2)	Index of Dispersion About Average Amount	
	Average Location Index	
	Index of Dispersion About Average Location	
	<i>a</i> 00	
Cellular	Average Amount Index	
(Type m)	Index of Dispersion About Average Amount	• yansan * 200
(Тург т)	Average Location Index	
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	<i></i>
DNA (Type 1)	Average Amount Inclex
,,	Index of Dispersion About Average Amount
	Average Location Index
	Index of Disporsion About Average Location
DNA (Type 2)	Average Amount Index
	Index of Dispersion About Average Amount
	Average Location Index
	Inclex of Dispersion About Average Location
r ·	0 0 0
DNA (Type m)	Average Amount Index
	Index of Dispersion About Average Amount
	Average Location Index
	Index of Dispersion About Average Location

Tissue Pop.	Indices		
Lung	Structural Inclines (Figs. 5,5A)	Mechanical Indices (Fig. 6)	Cell Function Indices (Figs. 7, 7A, 78)
Intestine	11	11	, ,
Cartiloge	. //	11	//
Eye	11	"/	11
Bone	11	11	11
Fat	//	1/	<i>//</i>
Nusc le	17	11	11
Kidney	′/	//	"
Brain	"	U.	11
Heart	"	11	11
Liver	"	"	11
Skin	//	<i>u</i>	, 1

Figure 8

Whole Tissue Biopsy

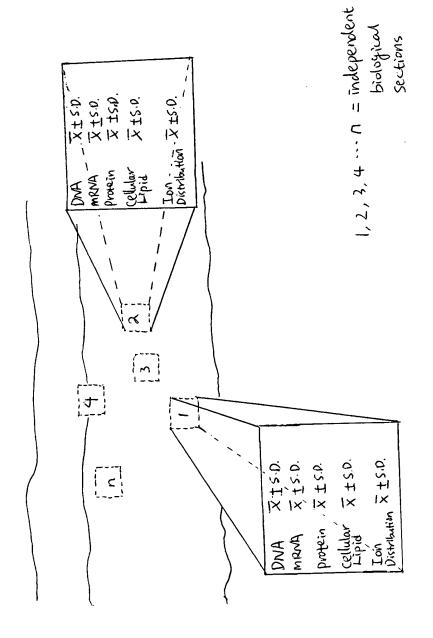


Figure 9

Retrieve Indices
Corresponding To
Tissue Population of
Interest From
Database (Fig. 8)

Generale Rational Tissue Design From Retrieved Indices

Manufacture Engineered Tissue From Rational Tissue Design Form Tissue Information Database (Figs. 1-8)

Grant Subscribers Access to Database for Subscription Fee

Measure Parameters Associated
With Subscriber-supplied
Tissue Specimens

Retrieve Indices For Tissue Population of Interest From Dutabase

Compare Heasured Parameters Associated With Subscriber-Supplied Specimens To Retrieved Indices

Classify Subscriber-supplied Specimens as normal/abnormal in accordance with comparison